

GLOBAL BIOENERGIES: Industrial pilot supported by a €5.2m State financing

This project, led by Global Bioenergies, brings together Arkema, two CNRS laboratories and the companies ARD and Processium

Evry June 4th, 2013 – Global Bioenergies (NYSE Alternext Paris: ALGBE) announces successful testing of its isobutene process at laboratory pilot scale and the beginning of the subsequent phase dedicated to industrial pilot testing. The beginning of this new phase in process industrialization is scheduled for July 2013 and will be supported by a €5.2M State financing via the *Investissements d'Avenir* program managed by the *Commissariat Général à l'Investissement*.

Global Bioenergies is developing a process that converts renewable resources (sugar, cereals, agricultural and forestry waste) into isobutene, a key building block of the petrochemical industry from which plastics, elastomers and fuels are derived. The company continues to improve performances of the process at small scale and has begun its industrialization mid-2012 by installing a 42 liter laboratory pilot. Successes obtained on this first pilot enable the launching of the next phase dedicated to industrial pilot testing.

This industrial pilot will be installed in the heart of the Bazancourt-Pomacle biorefinery, close to Reims, one of France's main agro-industrial complexes. ARD, a specialist in the up-scaling of fermentation processes will contribute to its exploitation. This industrial pilot will be comprised of a 500 liter fermenter, which represents a yearly production capacity of 10 tons, and of a purification unit installed downstream of the fermenter which will allow the production of intermediate-purity isobutene batches. These will be transferred to Arkema for its own research. In the context of the collaborative project supported by the State, Arkema will develop a selective oxidation process adapted to the specifications of renewable products obtained by fermentation in collaboration with two CNRS laboratories, IRCELYON and UCCS.

The State will contribute €5.2M over three years to this industrialization program, of which €4M will go to Global Bioenergies (one third as subsidies and two thirds as repayable advance). This financing was obtained after an in-depth audit was conducted by the ADEME (the French Agency for Environment and Energy Management) supported by scientific experts.

Marc Delcourt, CEO of Global Bioenergies comments: "This industrial pilot phase begins in accordance with our schedule. It is a new era in Global Bioenergies' history. The company has been and will continue to be moved by scientific innovation, but a second engine – that of industrial deployment – has been switched on."

Jean-Luc Dubois, Scientific Director at Arkema declares: "Arkema has made the development of biosourced products one of its priorities. The production of an olefin through fermentation and its conversion into high value added products is in line with this approach."

Philippe Aubry, Deputy Managing Director of ARD points out: "Welcoming Global Bioenergies' process on our BioDémono platform, which comprises 100 liter to 200m³ fermenters, strengthens our position as the European leader in the field of fermentation process industrialization".

Marc Delcourt concludes: “The success of this new phase in process industrialization will enable Global Bioenergies to grant multiple licenses along specific branches of the isobutene product tree. Further developments will allow the production of very high purity isobutene to cover all applications of this platform-molecule.”

About GLOBAL BIOENERGIES

Global Bioenergies is one of the few companies worldwide, and the only one in Europe, that is developing a process to convert renewable resources into hydrocarbons through fermentation. The Company initially focused its efforts on the production of isobutene, one of the most important petrochemical building blocks that can be converted into fuels, plastics, organic glass and elastomers. Global Bioenergies continues to improve the yield of its process and prepares the phase dedicated to industrial pilot testing. The company recently replicated this success to propylene and butadiene and is also looking to continue with other members of the gaseous olefins family, key molecules at the heart of petrochemical industry. Global Bioenergies is listed on NYSE Alternext Paris (FR0011052257 – ALGBE).

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Contacts

GLOBAL BIOENERGIES

Jean-Baptiste Barbaroux – Head of Corporate Development
E-mail : jean-baptiste.barbaroux@global-bioenergies.com

Liliane BRONSTEIN – CFO
E-mail : invest@global-bioenergies.com
Tel : + 33 (0) 1 64 98 20 50



This press release contains forward-looking statements regarding the building of an industrial pilot for the Company’s isobutene process, including actions to be taken by other participants in the project, financing to be provided by the French government, and opportunities for commercial licensing of proprietary technologies as well as technologies to be developed. These statements are not necessarily predictive of the results or outcome which will be achieved. In particular, the Company may encounter technological difficulties which will require unanticipated resources or time, or which it may not be possible, to overcome; market conditions, including an increase in the price of raw materials used in the Company’s bioprocesses and a decrease in the price of oil, may diminish opportunities for commercialization of the Company’s technology; and changes in the situation or strategy of the project’s other participants may reduce or adversely affect their contribution. For further information on the risks and uncertainties involved in the development of the Company’s technologies and processes, including those related to industrialization, see the Company’s Document de référence registered by the French Autorité des marchés financiers on December 21, 2012 under number R.12-052 available on the website of the French Autorité des marchés financiers at <http://www.amf-france.org> and on the Company’s website at www.global-bioenergies.com.